

MLPC monthly meeting

Meeting started: Jan 14, 2025, 11:57:13 PM

Meeting duration: 38 minutes

Meeting participants: Ginger Butler, Jonah Ferraro, Lari Jukic, Lauren Henkler, Lynn B, Miriam ODonnell, Moon Lake

[View original transcript at Tactiq.](#)

Summary and Action items

Quick summary

During this meeting, Lari, Miriam, Ginger, Moon, Lynn, and Jonah discussed the ongoing efforts to develop a lake management plan for Moon Lake, focusing on addressing harmful algal blooms and nutrient reduction. The group reviewed the project scope and decision criteria, emphasizing the importance of community involvement and cost-effective solutions. Additionally, they explored potential sampling strategies and the role of ESF in providing guidance for the management plan.

Action items for Lari

- [] Offer to take water samples from designated locations on Moon Lake once it unfreezes and coordinate with the team on specific sampling points.

Action items for Miriam

- [] Fill out and send the waiver for the nifola samples by tomorrow.
- [] Research potential on-demand gear providers for Moon Lake merchandise and send an email to "Print Your Cause" to inquire about setting up an account.

Action items for Ginger

- [] Prepare the check for the nifola and send it out as soon as possible.

Action items for Moon

- [] Finalize the high yield savings submission and provide the accounting information to Ginger and Lynn.

Action items for Lynn

- [] Deposit checks and cash received for the organization.
- [] Follow up with the ESF team regarding the finalized project scope and ensure all necessary signatures are obtained.

Action items for Jonah

- [] Send the finalized project scope document to the group for review and signature after making necessary edits.

Highlights

- 02:49 Lynn B: The main one tonight.
- 02:57 Lynn B: started right on time tonight. So it's seven o'clock. We'll get started. If anybody joins we can you know, catch them up if need be Jonah, is here with us from SUNY ESF. Um, we'll get to him in a minute. If
- 04:16 Lynn B: those people who have checks. And the only thing upcoming is, the nifola that I have to make the check out for Today or tomorrow and send that our packet and which brings up Miriam are you filling out a waiver to do that this year? Or you going to skip this year? As far as a samples.
- 04:43 Miriam ODonnell: I can fill out a waiver I apologize. I just it just slipped my mind. I can take care of that and shoot it over to in the mail tomorrow. You

have to

- 05:01 Lynn B: tomorrow,
- 05:18 Lynn B: them in the next by next week. Just so have in case there's any
- 09:54 Moon Lake: the grant, but when I talked to him last year they said March ish. Um but they did open up that lettering for me additional type, Grant, finally, for 2025. So I'll try to submit that next week.
- 16:01 Miriam O'Donnell: one of the important things for us as an organization to understand is for whatever we're gonna be going after. You know. Understanding the effort cost, etc.
- 16:14 Miriam O'Donnell: So you know, I think saying things like Oh we've got to get everybody on the lake to upgrade their septic is probably a non-starter. There are other things that you know we What are what are those options and and You know the effort to achieve them, the effort and cost to achieve them. I think are going to be really important things for us to to make some calculations on.
- 17:25 Lari Jukic: And unfortunately, I wanted to mention that, that for Miriam said about it. The biggest actually cause over here like during the time like during the summertime and everything. When I was on the lake over here on either my kayak on my boat Unfortunately, but I think the main cause for all the contamination, everything is the septic tanks. Unfortunately, because I've seen, I mean, a lot, a lot of those pipes, that's just stick it straight into the lake over there. And I mean, even in front of my house over here, I have, because the way how the lake moves around and everything and all that algae and all the grass and muck and all this thing that's happening over here is due to the whole lake kind of moves around and how it floats.
- 19:05 Lynn B: a frustrating subject for sure all the way around. You can't tell people what to do with their property, but if there's other things that we can do and and it might seem like it's all like current septic being dumped in. But as we might find at the bottom of the lake, all the septics from, you know, years and years and years ago, could be maybe the biggest issue and not so much what's going in, but what's just sitting down at the bottom so they're gonna help us with that. So hopefully we'll figure out something.

- 22:13 Lynn B: meetings for you guys. Just for that. Or if you want, we can start you off with our monthly meeting. So you guys have to sit through the whole thing. Tonight was just a little backwards
- 22:42 Lynn B: you need some, you know, we'll go to half hour hour to talk to us and we can always schedule it on a different day. so, We meet the second Tuesday of every month. I don't know if we've told you that before, but if you want to take note and let us know how you'd like to do your next update, that's fine with us.
- 29:31 Jonah Ferraro: I just want to make sure that the the project scope looks good to you guys. That's I think the main most important section in terms of acceptance from you,

Transcript

00:00 Lari J.: My son has a ninja class. So I believe she's on her way right

00:03 Miriam O.: Cool.

00:04 Lari J.: now back, but she said probably about like 7:15 or so she should be back. So

00:12 Ginger B.: Alrighty.

00:12 Lari J.: I tried to take a take notes for her, so,

00:15 Ginger B.: Well, we got the electronic version that Chris got some or somebody found for us to do it.

00:20 Miriam O.: Yeah.

00:22 Ginger B.: This smiley Chris.

00:29 Lari J.: Look like he's guilty of something because he's got us a mute.

00:32 Moon L.: Oh yeah, I said Ai is weird powerful thing.

00:47 Lari J.: No.

00:50 Ginger B.: We won't make you talk. If you don't feel up to it Lari.

00:55 Lari J.: Okay. Those still around here. Plus this thing started once the lake froze over, we went for a walk on the lake. And I think that was the reason, why didn't we started catching up all of this?

01:14 Miriam O.: Yeah, well there's definitely something going around.

01:17 Lynn B.: Lots of stuff. Lots of stuff going around for sure.

01:19 Lari J.: Yeah. oh,

01:20 Miriam O.: Providing the weather's not too horrible in two weeks. I'm going to come up to the lake for an overnight. So oh, What do you got there?

01:31 Lari J.: Some of the smoke meat I picked up down in Syracuse. It's a Bosnian version of smoke meat. So,

01:36 Miriam O.: Nice.

01:36 Lari J.: I guess we got a, I guess we got voted by One of the European countries, I forgot which one. Exactly. But we got voted as the best smoke meat country on the planet.

01:49 Miriam O.: Wow, cool.

01:50 Ginger B.: Man.

01:51 Lynn B.: Amazing.

01:51 Lari J.: Oh, my wife is in love with this. I'm eating it right now because she's not here. So otherwise you will flip out.

02:00 Ginger B.: You get yourself in trouble.

02:01 Lari J.: yeah, I'm cheating on my wife with the beat

02:05 Lynn B.:

02:10 Moon L.: I like that our transcript is going to have smoked meats on it as an action item.

02:17 Ginger B.: We haven't called the meeting to

02:17 Moon L.: Feels.

02:18 Ginger B.: order. So yeah, that officially

02:19 Lynn B.: Well, I trans it starts as soon as he

02:22 Ginger B.: I know as soon as he clicked on it, I

02:22 Lynn B.: starts. Takes everything up. So it's funny.

02:23 Ginger B.: know.

02:30 Lari J.: oh,

02:38 Moon L.: You see Jonah. Jonah. Joined, you Jonah.

02:40 Lynn B.: Yes.

02:41 Moon L.: Exciting.

02:43 Jonah F.: Hello.

02:47 Moon L.: You are one of our topics.

02:49 Lynn B.: The main one tonight.

02:54 Lynn B.: The one that's gonna take the longest. So we should probably get

02:57 Miriam O.: Yeah.

02:57 Lynn B.: started right on time tonight. So it's seven o'clock. We'll get started. If anybody joins we can you know, catch them up if need be Jonah, is here with us from SUNY ESF. Um, we'll get to him in a minute. If

03:17 Lynn B.: you don't mind, we're just gonna run through the couple other quick business items we have. And then

03:21 Jonah F.: All good.

03:22 Lynn B.: we're gonna talk about the other so treasure report. Mom, you want to go first

03:29 Ginger B.: Sure. And so we had a couple expenses in November 2012 dollars apiece. So Lynn and I deduced that it must be the Google domain fees because we have two different Google domains. So it was probably the annual fee that came in, in November automatically. So we currently have a balance of 5,20280.

03:57 Lynn B.: I have a check from calendar that I need to put in and some cash, but I haven't done that because I don't know if anybody else is going to order any and it's easier to take it out of the cash than trying to switch to money back and forth. So, I'll be putting a deposit in for

04:14 Lari J.: Yeah.

04:16 Lynn B.: those people who have checks. And the only thing upcoming is, the nifola that I have to make the check out for Today or tomorrow and send that our packet and which brings up Miriam are you filling out a waiver to do that this year? Or you going to skip this year? As far as a samples.

04:43 Miriam O.: I can fill out a waiver I apologize. I just it just slipped my mind. I can take care of that and shoot it over to in the mail tomorrow. You have to

04:50 Moon L.: Me. Okay, yeah. So I like

04:52 Miriam O.: have the packet out.

04:53 Lynn B.: I have to have it postmarked by February 1st. So as soon as I get

04:57 Miriam O.: oh,

04:57 Lynn B.: that from you, if you want to pop out

04:59 Miriam O.: Okay, well, what am I, what I might

05:01 Lynn B.: tomorrow,

05:01 Miriam O.: do is drop it by. If I do end up going, I'll be solidifying my plans if I do end up going up to the lake, um, not this weekend but following weekend, I can just drop it off to you.

05:13 Lynn B.: They make us put it all in the mail together. I can wait if you want but ideally, I dump it in the mail to

05:17 Miriam O.: Okay.

05:18 Lynn B.: them in the next by by next week. Just so have in case there's any

05:21 Miriam O.: Okay, yep.

05:23 Lynn B.: problems. If

05:24 Miriam O.: Well, I'll get you a wet signature and send it over to you and and I'll participate if they do the training.

05:31 Lynn B.: Perfect. Okay.

05:31 Miriam O.: Cool.

05:33 Lynn B.: Um I think that one of the items is just to hold us. Accountable is the high yield savings. Yeah.

05:44 Moon L.: 90% done. It's gonna be submitted. I think you're Tuesday and then I will text gingerlin. And is that it? But yeah about like a the accounting information, the login information, and then like I don't know if you want to wait till next meeting to talk about what funds we should transfer or decide by text.

06:05 Lynn B.: Yeah. Yeah, let's do that. At least not next next month.

06:12 Moon L.: Yeah.

06:12 Lynn B.: Um, Moon Lake. Yeah, that's and, and

06:13 Moon L.: Probably go.

06:14 Ginger B.: Neutralized light on.

06:16 Lynn B.: there's some money there. So that's awesome. I was, I was doing some research on Moon Lake Year or swag and the there's a place called Print Your Cause and everything I see on that is on the up and up, supposed to be really easy. All the reviews are good, all the local guys don't really offer a website and so it would be us bringing in gear and Holding an inventory. And I'd really rather not do that after trying to

06:50 Moon L.: Okay, it actually looks pretty cool.

06:52 Lynn B.: ship the calendars and stuff. I don't really want to be Responsible

for that. Unless somebody else wants to take it which is totally cool. If somebody wants to do that for us, All by all means. I don't want it.

07:09 Miriam O.: I, I don't know that us investing in Moon Lake gear that may or may not get purchased is a good idea. Um, I I

07:17 Lynn B.: Oh great.

07:18 Miriam O.: really think that, you know, if we if we want to do it we've got to find somebody who does it on demand and

07:26 Lynn B.: Yep.

07:26 Miriam O.: handles the shipping. So I know you said that you had a couple of things to look into, you know, I'm happy to go back to, I'm happy to take that on as like this spring activity and see if I can find some place. That provides that offers gear and a more reasonable price than Cafe, press and has easier, and better tools to

07:45 Lynn B.: so,

07:49 Miriam O.: manage.

07:50 Lynn B.: So looks like print your cause is one just like that and we set the price

07:54 Miriam O.: Okay.

07:55 Ginger B.: He?

07:55 Lynn B.: and we get donation back. So if it

07:58 Miriam O.: Okay.

07:58 Lynn B.: seems like and like some big name companies use it to like Go ahead, Chris. You look like

08:09 Moon L.: Where did you find this?

08:10 Lynn B.: I was just doing some Google searches

08:12 Miriam O.: Cafe presses since they made their

08:12 Lynn B.: and found it.

08:14 Moon L.: It looks legit.

08:16 Lynn B.: It does. And there's some, like I said, some really big name companies on there that seem to use them. So I feel like it can't be any worse in Cafe brass.

08:26 Moon L.: Yeah.

08:30 Miriam O.: sense. They made all the updates. It's it's pretty atrocious. So I'm

happy to if you want, you know, you because you obviously can't take on everything. I'm happy to to take a crack at it.

08:44 Lynn B.: If you want to just take a look and maybe send an email to them because it looks like to set up an account, we have to send an email if you want

08:50 Miriam O.: Okay, yep.

08:51 Lynn B.: to do that. That would be great if not and see what you think, because, you know, you did the most work on the cafe press. So you would have a better understanding. So I'm totally good with that. And

09:02 Miriam O.: yeah, let all all tell you what I

09:03 Lynn B.: And I can help if need be. Er, whatever.

09:09 Miriam O.: will take I can commit to putting in maybe You know. Four or five hours between now and our next meeting, poking around and seeing. If I can get see what they're YouTube is a wonderful thing, so it's called Pretty cause. All right, I'll

09:28 Lynn B.: Yeah.

09:29 Miriam O.: take a look into it. I'll spend a

09:30 Lynn B.: Right.

09:31 Miriam O.: little bit of research time.

09:33 Moon L.: Print.

09:33 Lynn B.: print your cause

09:35 Miriam O.: Print print your cause okay. Only.

09:39 Lynn B.: Um, so that was my only other action

09:39 Moon L.: People.

09:41 Lynn B.: item Besides are SUNY ESF. Did I

09:46 Miriam O.: Okay.

09:46 Lynn B.: forget anything? Is anybody looking at the kill them agenda?

09:49 Moon L.: Yeah, the update from the Grant his old business. I not heard back from

09:52 Lynn B.: Oh yes.

09:54 Moon L.: the grant, but when I talked to him last year they said March ish. Um but they did open up that lettering for me additional type, Grant, finally, for 2025. So I'll try to submit that next week.

10:09 Lynn B.: Cool.

10:12 Miriam O.: The only other thing that I think we put as a, just, a reminder, on the calendar when I talked with just Pickett about the Derby. I told her that we would reconnect mid-January. Um so I'm gonna let her know. You know, once I finalize my plans that I'm gonna be up there. Um I can at least, you know, get the conversation started and find out what kind of advertising she wants us to do you know What kind of write-up should be for it that we should start promoting.

10:51 Lynn B.: Perfect.

10:52 Miriam O.: So I think that can be the other thing I can give you an update on by for you know, for next.

10:59 Lynn B.: For February.

11:00 Miriam O.: For the February meeting, right?

11:02 Lynn B.: Awesome. Thank you.

11:02 Moon L.: I mean I can I can share it unless

11:03 Miriam O.: Yep.

11:06 Lynn B.: Okay.

11:07 Miriam O.: I think that's all we had right besides.

11:11 Lynn B.: Besides the contract. Is that where we're calling it? Is it a contract?

11:17 Jonah F.: It's a project, execution plan.

11:19 Lynn B.: Proposal. Perfect. Okay, wasn't sure what the terminology would be.

11:25 Jonah F.: Yeah.

11:25 Lynn B.: So, I've read through, it looks

11:26 Miriam O.: Okay.

11:27 Lynn B.: awesome. There's a lot of terminology and a lot of stuff that I understand is for the team and not so much for us. So if we want to just kind of run

11:33 Jonah F.: Yeah.

11:34 Lynn B.: through this stuff that's relevant to us as Moon Lake, I think it will go through a little, it'll read a little easier. So as a reminder to the group ESF is helping us with our management plan and hopefully giving us some like right now ideas to help with the issues, we're having along with long-term ideas, just so we're not wasting money spending on something. Either going to hurt the lake in the long run later or not benefit us and it's just a waste of money. Just shows short-term like Oh yeah, it looks better for the moment. In next year we have to

do the dump the same money. So that's if anybody wasn't clear on what why?
Where why we're engaging, this is what we're looking for their help from. So, And
Joanna, I guess I'll turn it over to you unless Chris wants to go through it.

12:41 Moon L.: Jonah. You wanted to share it.

12:45 Jonah F.: they would be hopeful if you have it up, but I'm not really sure how
to

12:49 Lynn B.: It's okay.

12:49 Jonah F.: I've never used this Google meet before.

12:51 Moon L.: I'm here. Share share here.

12:53 Lynn B.: No worries.

12:59 Moon L.: Can you see it? Is it? There it is.

13:01 Lynn B.: Yes.

13:01 Jonah F.: Yeah.

13:01 Moon L.: so,

13:02 Lynn B.: Yep.

13:03 Moon L.: Already paid. One looks pretty fancy. He? I'm already into it. I did. I
think the it's like the notes but

13:11 Jonah F.: Oh yeah, there's there are comments on it. So, sorry about that.

13:14 Moon L.: No, no. I the comments actually

13:15 Lynn B.: It's okay.

13:17 Moon L.: pretty helpful. I can see what you guys have been working on and
but you haven't broken up in induction project overview and then scope period
work references, right?

13:27 Jonah F.: Yeah, so the main thing, that's pretending to you guys and what it
should be reviewed is the project scope and Of our decision criteria. Making sure
that everything is What is what you guys want from us? So now, you know, doing
something that Isn't really pertaining to you.

13:49 Moon L.: Got it. Or alignment problem description. By concentration of
nutrients in the lake. Everybody, yes. Except right?

14:02 Miriam O.: Yep.

14:02 Moon L.: The justification is to prove our water quality. Yeah. It takes me
outcome is a lake management, plan capable of directing the numbers of us to
improve the water, quality, moon lake, I think that's great. And opportunities and

precedence, neighboring lake of symbolize and depths and we're having multiple issues known as High Lake recently created Lake National playing. That could be reference to guide this project which I think Jonah you to copy of it, right?

14:30 Jonah F.: Yes.

14:37 Moon L.: Memorial. Okay, this is all. We're good. Keep going. There, we get a chance to look at this or first.

14:55 Miriam O.: I I did, I I read through it, it seemed like this was, you know, At least from my perspective, it all seemed very reasonable. you know, the the intent is assess and help us come up with Potential options for things that we can do that can positively impact our, you know, essentially, our ecosphere is that Jonah. That's your

15:21 Moon L.: Yeah. Yeah.

15:22 Jonah F.: Yeah.

15:23 Miriam O.: understanding. So, um, and, you know,

15:23 Jonah F.: Yeah.

15:25 Miriam O.: kind of a current assessment of

15:29 Lynn B.: Standard.

15:30 Miriam O.: You know, where we're at. And the things that we And I can't remember all because I actually read, you know, stuff like this regularly, for my job, um, did this, we were gonna outline kind of the, a B, and C type priorities. Is that if I do, I recall that correctly, you guys are that you were gonna, you know, outline what you can go after and and potential impact for it. Um, what I think is one gonna be

15:59 Jonah F.: Right.

16:01 Miriam O.: one of the important things for us as an organization to understand is for whatever we're gonna be going after. You know. Understanding the effort cost, etc.

16:14 Miriam O.: So you know, I think saying things like Oh we've got to get everybody on the lake to upgrade their septic is probably a non-starter. There are other things that you know we What are what are those options and and You know the effort to achieve them, the effort and cost to achieve them. I think are going to be really important things for us to to make some calculations on.

16:42 Moon L.: Okay, everyone aligned with the strategic. Look strategic

alignment. Help with water testing improve water quality, to get us back on the fishery socking list and to boost community involvement. Yeah, obviously. From description justification, speed outcomes. Feasibility assessment over formed potential solutions, technology and provide adventures will be thoroughly determine which

17:05 Ginger B.: just,

17:07 Moon L.: will be the best fit for us. Yep. And gold to decrease total phosphorus concentrations. The point to milligrams per meter. but is that, like What standard and within?

17:20 Jonah F.: Yeah, this is that we got that from the Dec.

17:22 Moon L.: Okay.

17:25 Lari J.: And unfortunately, I wanted to mention that, that for Miriam said about it. The biggest actually cause over here like during the time like during the summertime and everything. When I was on the lake over here on either my kayak on my boat Unfortunately, but I think the main cause for all the contamination, everything is the septic tanks. Unfortunately, because I've seen, I mean, a lot, a lot of those pipes, that's just stick it straight into the lake over there. And I mean, even in front of my house over here, I have, because the way how the lake moves around and everything and all that algae and all the grass and muck and all this thing that's happening over here is due to the whole lake kind of moves around and how it floats.

18:07 Lari J.: that's why I honestly, I can't even swim over there in front of my house because of that reason because like there's like so much that

18:16 Lynn B.: Definitely is a touchy subject and in

18:17 Lari J.: And like we said, already, like previously, unfortunately, we cannot discuss it too much about it. And People don't want to get help about it, even though the grants and everything, they don't want to get that thing fixed. So it's kind of pissing me off about it because you

18:29 Moon L.: Okay.

18:30 Lari J.: have the money already, so they can help you out a little bit to start that. But nobody wants to do it. So I don't know how to knock some sensor to people. That's the only thing, like, how we gonna figure that out to basically like, Hey listen,

18:45 Jonah F.:

18:47 Lari J.: you can do it. You actually got to start up money to do it. So why don't you just get it done? But you know, everybody comes up to the end basically saying like, Ah, screw it, you know, who cares about the lake and stuff like that. That kind of pisses me off.

19:05 Lynn B.: a frustrating subject for sure all the way around. You can't tell people what to do with their property, but if there's other things that we can do and and it might seem like it's all like current septic being dumped in. But as we might find at the bottom of the lake, all the septics from, you know, years and years and years ago, could be maybe the biggest issue and not so much what's going in, but what's just sitting down at the bottom so they're gonna help us with that. So hopefully we'll figure out something.

19:40 Lari J.: Well, so

19:45 Moon L.: Noticed a couple times, you mentioned, the High Lake management plan, I think that's great. They told me the right in such a way that would help them get more grants. Like, they, they worded it, I think carefully. So I think we just

19:57 Jonah F.: Okay.

19:58 Moon L.: probably align what we're gonna do

19:58 Lynn B.:

19:59 Moon L.: with what they did.

20:02 Jonah F.: Who pay attention to that?

20:02 Moon L.: I don't mean plagiarize what I mean.

20:05 Jonah F.: Then.

20:11 Moon L.: Project Overview. Nursing your phone and mutual content written with the spacing modern sampling. And if you're if you don't if you're helping with water testing and This project that you're on last till what like April or May.

20:29 Jonah F.: Yeah, so um, we as a group us, we will not be doing the actual water testing. We're gonna be taking numbers from Previous tests, or from lake's around in your area, making doing estimates of your elemental levels through

20:46 Moon L.: Okay.

20:47 Jonah F.: there. That way.

20:48 Moon L.: Okay. That's helpful.

20:51 Jonah F.: We don't have the like actual, like

20:53 Moon L.: Obviously.

20:54 Jonah F.: we can't do it ourselves. We don't

20:56 Moon L.: Work, right. So frozen.

20:59 Jonah F.: Yeah, sure.

20:59 Moon L.: Um, for, for this plan to, I don't know when your semester starts or this program starts again, and what are the next steps you need from us?

21:07 Lynn B.:

21:10 Jonah F.: um so pretty much right now where in the kind of preliminary design phase where we're trying to we're doing more research on potential solutions and starting to get more specific information about moonlight to start doing those calculations to figure out what Potential. We can't we can do once we have A list of viable solutions where we'll use our design criteria to

21:39 Lynn B.: Perfect. We can either do separate

21:41 Jonah F.: narrow the list down. So from you guys, we Unless we really need some specific information that we can reach out to you with. Um, there's not much we need from you, but it would definitely be helpful for us to be, you know, checking in

21:59 Moon L.: That works. This is your timeline.

22:00 Jonah F.: And having a meeting to go through our progress. And you know, you can See how we're going. Basically you can go, it'd be good. Great for you guys. To be one board.

22:13 Lynn B.: meetings for you guys. Just for that. Or if you want, we can start you off with our monthly meeting. So you guys have to sit through the whole thing. Tonight was just a little backwards

22:23 Jonah F.: Yeah.

22:24 Lynn B.: just because we know it was going to take a little longer, but we Always start the meeting with you guys, so you can give your update, we can ask questions and then you guys can jump off and we can finish our meeting because we do meet once a month. It's totally up to you guys. Time-dependent, Of course if you want a certain amount of time or feel like

22:41 Jonah F.: Makes sense.

22:42 Lynn B.: you need some, you know, we'll go to half hour hour to talk to us

and we can always schedule it on a different day. so, We meet the second Tuesday of every month. I don't know if we've told you that before, but if you want to take note and let us know how you'd like to do your next update, that's fine with us.

23:05 Jonah F.: All right.

23:07 Lynn B.: Do you need us to? Agree or write you guys back as a team, letting you know, that we are on board with what you have. And we all Stand in agree with what you have written.

23:22 Jonah F.: Um yes, so basically after this meeting where we're gonna do some finalization on it, and once we have those final edits down, I'll send it back to you and you guys can put your signature On the bottom there.

23:35 Lynn B.: Okay.

23:36 Miriam O.: Okay.

23:41 Jonah F.: Yeah.

23:42 Moon L.: Yeah. 13.

23:45 Lauren H.: Just cutting in. Hi, my name is Lauren. I'm I made the timeline it's very, it's very flexible, especially like the meeting times with you, the reason those are orange is because those are proposed and dependent on,

23:57 Moon L.: Okay.

23:59 Lauren H.: you know, your guys's schedule. So don't feel locked down into those times.

24:04 Lynn B.: Okay.

24:05 Moon L.: Super overwhelming, but if you guys need to meet before one of our second Tuesday meetings, I mean we can definitely hop in a call beforehand.

24:13 Lynn B.: Yeah.

24:13 Jonah F.: That's definitely reach out if we

24:14 Moon L.: yeah, not

24:14 Jonah F.: need it.

24:16 Moon L.: Not a problem.

24:16 Lynn B.: We're flexible as well.

24:22 Moon L.: Any questions, comment.

24:24 Lari J.: I actually have a question about that. The testings for the lake.

24:29 Jonah F.: Mmm.

24:30 Lari J.: I don't know about it, I've never seen it, I've never done it, but is that basically you have to take the sample of maybe like a via fill up the vials, the parts of the lake like you know in certain areas is that basically what it is. The water testing.

24:44 Jonah F.: Yeah, taking water samples and

24:44 Lynn B.: so,

24:45 Jonah F.: someone would go out onto the lake and take multiple vials from different portions of the lake. And test their contents for nitrogen phosphorus.

24:58 Lari J.: Well, who does that? Who does the samples? Like, who takes examples?

25:03 Jonah F.: You would need to like the console will need to reach out to either. I'm not sure if the DC would do it or like some for consulting firm. That kind of thing. I just know that we are not going to be doing that.

25:26 Lari J.: so, my question is,

25:26 Ginger B.: Is this going to be in?

25:26 Lauren H.: Yeah.

25:27 Ginger B.: Something beyond the cslap testing we already do is that something more you need?

25:32 Jonah F.: um,

25:37 Lauren H.: That will be like developed like as this project comes along and we see

25:41 Jonah F.: Yeah.

25:42 Lauren H.: what kind of information we would need for different solutions, will develop a sampling plan that may or may or may not have like different types of sampling.

25:57 Lynn B.: Perfect.

25:57 Lari J.: Well, my question, my question about this, what I was gonna actually offer from myself? I mean, I am like I say I'm on a kayak a lot on this lake over here, and it's kind of calmer than being on a boat, like, because we when you go on a boat kind of disturb everything, you know, with the motor and everything like that. So maybe a setup, I mean, once it unfreezes, you know, and everything.

26:23 Jonah F.: So right now we can't give you that

26:24 Lari J.: Sorry about that. And up like was the lake unfreezes and everything

and all of that. Like how many samples needs to be taken? Can you give me a ballpark?

26:38 Moon L.: Okay, my question.

26:38 Jonah F.: kind of ballpark because that's going to be in our design. That's what we're researching. There is one thing. That I think should be pretty clear. Is that are this project that we're we are doing and our deliverable to you guys is going to be a preliminary design lake management plan. That you the Council would then take to more professional. Services to get a final design done. so,

27:08 Lynn B.: Which yeah, we can definitely look at

27:09 Jonah F.: basically we will we give you is our suggestions to what we think will be best for Moon Lake and if you want to continue with those suggestions and you can But right now, I can't give you a full answer to exactly how many samples would need to be taken or What exactly kind of sampling needs to be done. so,

27:32 Lari J.: Because if it's for instance, like if I just have to take a sample, let's say like a vial and just dip it in. Take example of the file, you know, put it in right down on the vial. Or if it's like that type of sample or anything like that, I mean, I'm not gonna have a problem. Like I said, I'll jump on my kayak crack, open a couple of beers. And you know what I mean? Just give me the map of the Moon Lake and put the dots on it.

27:54 Lari J.: Like, where you want the samples be taken and I can just go to each one of those spots. Basically, take the sample, write it down on the vial and everything. And then, you know, come back and then send it to whoever that needs to go to, you know what I mean.

28:10 Jonah F.: You know, I'm not sure if that is a service that some company would allow that you could just send in biles, you know them that might be something out there, we could look into that something like that. but,

28:21 Lari J.: I mean I think like just I'm just

28:22 Jonah F.: And I can't give you a firm internally.

28:29 Lari J.: spitballing but like I said, it might be actually a cheaper instead of Hiring somebody to come over here and do all that because I'm pretty sure there'll be expensive process.

28:38 Jonah F.: Yeah.

28:40 Lynn B.: that. Lari when, when the time comes, what we when we know what they need.

28:45 Lari J.: Yeah, sure.

28:47 Lynn B.: We'll keep, we'll definitely keep that in mind for sure. Thank you for the volunteering. I love it.

28:52 Lari J.: Yeah, definitely. Because like I said, like I'm on I'm already on the lake, you know and just one of the weekends when it's nice. You know, like I said a crack open a couple beers and just go take a ride around and to love the samples so hey kill two cats, you know, I want

29:09 Lynn B.: Right now. Appreciate it. Thank you. We'll definitely, we'll definitely hold you to it. So,

29:15 Lari J.: Okay, I don't got a problem.

29:16 Lynn B.: Any questions for anybody for what this is or, or for. Lauren. And Are the ESF team. Okay.

29:31 Jonah F.: I just want to make sure that the the project scope looks good to you guys. That's I think the main most important section in terms of acceptance from you,

29:57 Moon L.: All right.

29:59 Lari J.: Oh and Chris, if you don't mind all of this that you scrolling right now through if you don't mind, just the care link you get on that correct. That's all, okay.

30:09 Lynn B.: Yes. It's on the, it's on the Google Drive for everybody to see.

30:14 Lari J.: Okay. Thank you. Just making sure cuz I still don't see her back home yet, so,

30:20 Moon L.: Okay, so the projects go, Let's go for the Moon Lake project includes the development and designing of a lake management plan to combat Moon. Lake's have problems. It's remediation plan will meet or exceed all standards set by the Project Charter. We will provide short term, and long-term solutions and will include solutions of load and mid probable cause Project completion will occur when the lake management plan is accepted by the mlpc or arena solutions, provided are attainable and beneficial to the health of Moon Lake. Erie's residents I don't think anybody disagree with their

30:48 Miriam O.: So I guess the only question that I would ask about the project

scope is is that you're you're addressing specifically, the HABS not false, not phosphate reduction but you call that out in other sections. So is it addressing the HABS by? Is it an implied?

31:05 Lynn B.: Look.

31:09 Miriam O.: Scope of the project, meaning it for. Will there be recommendations related to phosphate reduction? Because it is a Cause of.

31:19 Jonah F.: Yes, it is. Um so excess phosphate

31:21 Miriam O.: An underlying cause of the Habs. Okay.

31:27 Jonah F.: does lead to harmful algal blooms so

31:30 Miriam O.: Okay.

31:30 Jonah F.: by reducing phosphate in the lake you mention will reduce Other wounds, I think it that's a good addition to make sure to specify.

31:40 Miriam O.: Yeah.

31:41 Jonah F.: To the reducing phosphate.

31:44 Miriam O.: Okay.

31:45 Jonah F.: Another nutrients.

31:47 Miriam O.: Because I certainly think that's, yeah.

31:50 Jonah F.: And that's good.

31:52 Miriam O.: Okay.

31:56 Jonah F.: Um, so we'll we're gonna Do a final edit of this and we'll send you the finalized document. It doesn't. Oh, throughout the this semester, I'm also the, we can change things on this on this team trader in this projector.

32:17 Lynn B.: I love it. Looks great. Thank you.

32:17 Jonah F.: If you know, we need to change the scope a bit. We can so nothing's

32:20 Lari J.: He?

32:22 Jonah F.: completely sunstone but this is a

32:22 Miriam O.: Yep. Absolutely.

32:23 Jonah F.: good You know, General idea of what we're going to be doing.

32:31 Lauren H.: Do we want to give the decision criteria and overview?

32:35 Miriam O.: Probably a good idea.

32:40 Moon L.: Number that. OH, 3.6. Okay. The follow here will guide the

32:58 Miriam O.: Okay.

33:00 Moon L.: evaluation ranking of alternative solution for Moon Lake. Utah, trainer solution will be assessed to a Identify. The best option that meets in savage constraining criteria. The relative importance of each criterion will be weighted to reflect project

33:09 Lynn B.:

33:10 Moon L.: priorities and stay cooler values. Have reduction weight 30%. I don't know what this is, blocking some of that.

33:22 Lynn B.: I think that's just explaining it.

33:24 Moon L.: Yeah. Yeah, that it's cost effective, weighted 20% and you're you're Decision criteria is on invasive species, ease of implementation community reception and ecological sustainability. And all that. Learning that all that.

33:52 Miriam O.: So your project scope, I would think and this is the way I would I would try and construct it. It you know when I'm when I'm building out your project scope should be, should have some sort of inclusiveness of whatever is that you're ultimately delivering. So if these are our decision criteria and our decision criteria is related to reduction of

34:14 Jonah F.:

34:17 Miriam O.: habs invasive species. So you've got the things that That you're going to be looking at on. Those have. In order for those two things to be matte, it needs to have. Cost-effective options that can be implemented by a bunch of homeowners that, you know. So ease of implementation or hiring someone, I think maybe you want to try and tie what's in project scope to what you're saying the decision criteria is because I think these these appear to be fairly loosely coupled right

34:59 Lynn B.: I don't have any comments of meeting

35:01 Miriam O.: now, so I would just, you know, make sure that you're ticking tying, what

35:04 Jonah F.: Got it.

35:05 Miriam O.: you're saying, your scope is and what you're gonna be delivering and we're gonna be checking off and saying is We agree with you. I would, you know, address the Hab the nutrient reduction along with it, you know, I don't know. Is are we are we considering the invasive species part of our primary project scope guys?

35:32 Jonah F.: Mmm.

35:33 Miriam O.: I don't know if that's, you know.

35:37 Jonah F.: I think it's something that

35:38 Miriam O.: Or they it's a byproduct of reduction of the nutrient, you know?

Are you moving from being a eutrophic? where we currently have an ecosystem, that is Essentially feeding these invasive species. So you know I guess I guess the way you just putting on my professional hat. My professional hat says, I try and make those two sections tick and tie a little bit better.

36:11 Jonah F.: Not.

36:11 Miriam O.: It makes sense.

36:13 Jonah F.: Yeah, that does.

36:13 Miriam O.: Okay. Sorry, I just went all professional mode.

36:20 Jonah F.: because this was for,

36:29 Lynn B.: change for what's listed there. I think that it's good. I like the weights of the things. So I think that all good the way it sits.

36:36 Moon L.: Great.

36:44 Miriam O.: Cool.

36:44 Lynn B.: Anybody else?

36:48 Ginger B.: Miriam brought up good points and I agree that, um, you know The cause that effect is, you know, is is the cause you know from the phosphorus is it. From the biodegradation of the plants or is it, can we get the chicken before the egg? Or, you know, if, if there's a way to pinpoint what is going to be the best options from What you find is.

37:19 Ginger B.: Maybe the root causes septic, but an underlying effect is We're getting the weeds because of the septic. And, you know What is the best cost effective solution. If we're tying everything together, it makes good sense. So, I think everything looks great.

37:38 Jonah F.: I think I'm good.

37:52 Lynn B.: Okay.

37:52 Miriam O.: What else guys?

37:56 Lynn B.: Any other questions from the ESA ESF team? For us. Anything you want to go over? Okay.

38:12 Moon L.: Awesome. Awesome. We appreciate you joining.

38:15 Jonah F.: Thank you so much for having us.
38:18 Lynn B.: Yeah, thanks for the work that you've
38:19 Miriam O.: Awesome.
38:20 Lynn B.: done already. We're excited.
38:22 Miriam O.: Yep.
38:23 Lynn B.: Appreciate it.
38:23 Jonah F.: First, we're excited to do more.
38:26 Miriam O.: Yeah, absolutely.
38:28 Ginger B.: Look forward to seeing the new and the next phase.
38:32 Jonah F.: Yep.
38:34 Lauren H.: That's looking forward to what's to
38:34 Lynn B.: Okay.
38:36 Lauren H.: come.
38:37 Miriam O.: Yeah, absolutely.
38:40 Lynn B.: okay, then

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